

MiStat RF™

A range of compact, wireless thermostats including a room thermostat, programmable thermostat, and cylinder thermostat.



HEATING



- Pre-bound wireless packs
- Two-way wireless connection
- **Easitext** on screen programming guide
- TPI, TP and on / off algorithms
- Large backlit screen



Wireless Thermostats

The MiStat range of wireless thermostats offers the perfect combination of practicality and contemporary styling. Cleverly designed for ease of use, they incorporate a range of new features designed to make your life easier.

Robust two-way wireless connection, and pre-paired devices linked by an 868 MHz frequency, makes these thermostats a reliable and practical solution.

The Benefits of Wireless Systems

- Quick and easy installation - no wiring
- Pre-bound - thermostat and receiver already paired
- Two-way wireless connection for enhanced connectivity
- Signal strength indication ensuring correct positioning
- 868 MHz frequency for reliable connection
- No carpets and floor boards to lift
- No damage to wall coverings
- No unsightly surface wiring
- Positioning no longer restricted to areas accessible by cable runs
- No brick or plasterwork to chase out
- No risk of damage to fabrics and furnishings



MiStat RF Features and Benefits

The benefits of the MiStat RF range don't stop at the reliable wireless connectivity; installers can choose from TPI, TP and on / off algorithms to provide optimal energy efficiency for all systems. What's more, the fully flexible service interval mode can be set to your choice of off, reduced comfort, or reminder only. You also have the option to input your phone number for the service alert.

- Intuitive menu with easitext for easy use
- Universally recognised buttons and symbols
- Large backlit screen with now and next information
- Timer override feature (boost)
- Design based on the format of familiar consumer electronics
- TPI, TP and on / off algorithms
- Can be freestanding (table stand included) or wall mounted
- Battery powered
- Wireless signal strength indication

When it comes to the MiStat RF range simplicity is key. It is simple to install, each product offers simple, uncluttered style, and most importantly every control is simple to use.

Easy Programming

All products in the Drayton Mi Series range feature **easitext**; innovative new on screen guidance that makes it simple for everyone to programme and use their stylish new controls. Step-by-step on screen directions means users may never need to look at their instruction manual.

The navigation buttons and icons are instantly recognisable and similar to that of a remote control or mobile phone. The handy 'home' button means users can instantly navigate back to the main menu, and the 'back' button allows you to go back one screen at a time to make any adjustments.

Easitext for easy use.



In research* carried out 90% of consumers and installers could programme the device without even looking at the instructions.

Featuring new
easitext™
On screen step-by-step guide

Programming example: Changing the programme schedule in 3 easy steps (MP710R)

Press to go back to the home screen.	Step 1 Scroll down to 'set' and press select to enter the programme timetable.	Step 2 Scroll and select the time period you want to amend. Use the horizontal arrows. Use keys to switch days...	Step 3 Use the vertical arrows to change the time and the horizontal arrows to move to the next field. Press select to confirm.
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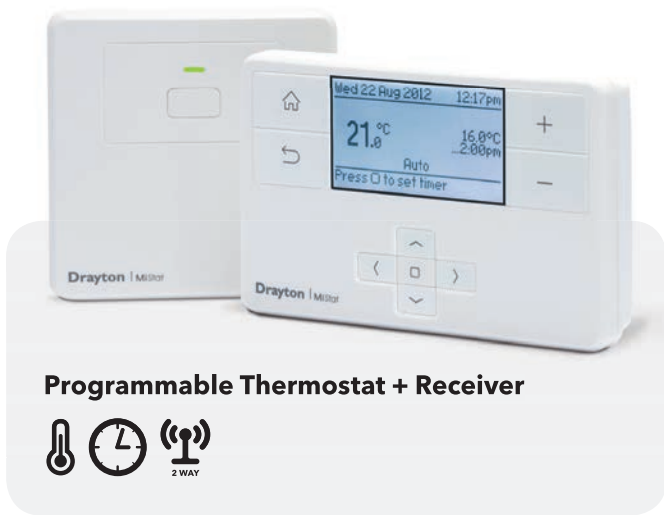
*Independent qualitative research carried out with 40 participants.



Scan to test out our **easitext** programming simulator.

Wireless Programmable Room Thermostat

As part of the **Mi Series** family, the **MiStat RF** programmable thermostat has the same unique, contemporary styling and an abundance of new practical features that make this our most versatile and user friendly programmable thermostat.



Product	Part Number
MiStat Programmable Thermostat + Receiver	MP710R9K0900
MiStat Programmable Thermostat	MP710R0S0900
MiStat Receiver	MR111M1S0900

Additional Features

- Optimum or delayed start options for maximum energy saving
- Eco mode screens - "power save" mode or "timed switch off"
- Memory saver - programme and clock never needs resetting in the event of power loss
- 3 Pre-set and easily adjustable lifestyle programmes
- 3 User programmes can be saved by name and restored
- Automatic summer / winter time updates
- 12 or 24 hour clock
- Copy day feature
- Up to 8 events per day, easily add or remove events
- Enhanced holiday mode
- 0.5°C setting and display resolution
- Pre set clock
- Custom day (for holiday at home or special days like illness)
- Access protection (screen lock)
- Valve protection

Wireless Room Thermostat

This compact wireless room thermostat is not only our most stylish design to date, but also incorporates a host of new features and benefits for both the installer and homeowner.

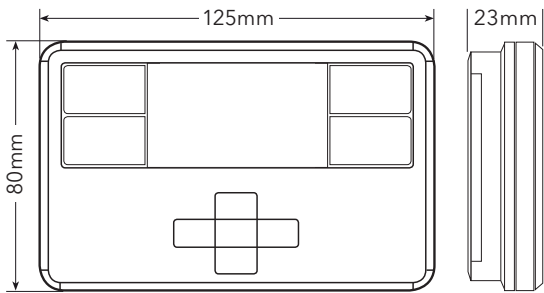


Product	Part Number
MiStat Room Thermostat + Receiver	MN110R9K0900
MiStat Room Thermostat	MN110R0S0900
MiStat Receiver	MR111M1S0900

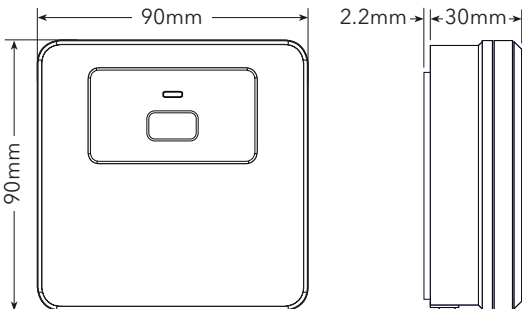
Additional Features

- Just one button to change over between comfort and set-back temperatures
- Default comfort / set-back temperatures can be pre-set
- Can be freestanding (table stand included) or wall mounted (wall clip)
- Timer override feature (boost)
- 0.5°C setting steps and display resolution
- Universally recognised buttons and symbols
- Memory saver - settings never need resetting in the event of power loss
- Access protection (screen lock)
- Valve protection

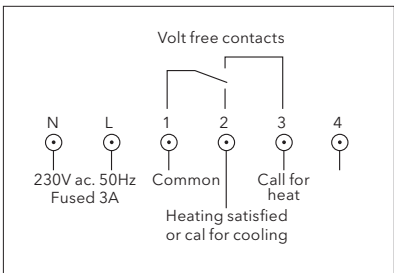
MiStat Programmable Room Thermostat



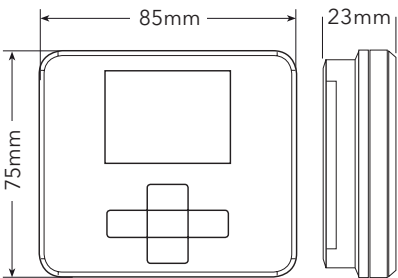
MiStat Receiver



Wiring Diagram - Receiver



MiStat Room Thermostat



Wireless Cylinder Thermostat

Following the familiar style of the **Mi Series**, this compact and discreet wireless cylinder thermostat offers the perfect solution for hot water control; easy to install, easy to use, and ideal for meeting Part P regulations.

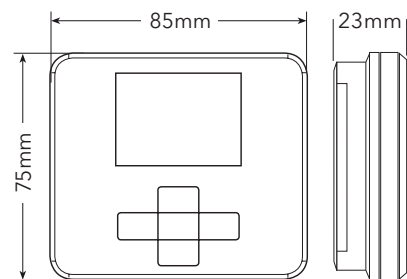


Product	Part Number
MiStat Cylinder Thermostat + Receiver & Sensor	MC110C9K0900
MiStat Cylinder Thermostat	MC110C0S0900
MiStat Receiver	MR111M1S0900
MiStat Sensor	MC110S0S0900

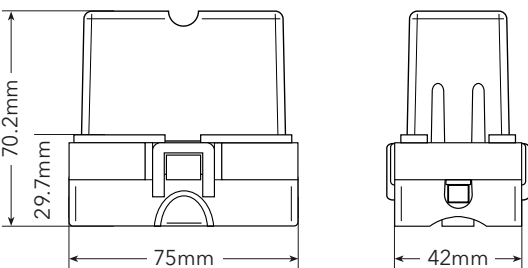
Additional Features

- Meets Part P building regulations
- +hr (boost), giving 1, 2 or 3 hours
- 5°C setting steps
- Min / max temperature setting
- Battery powered
- Stylish, compact design

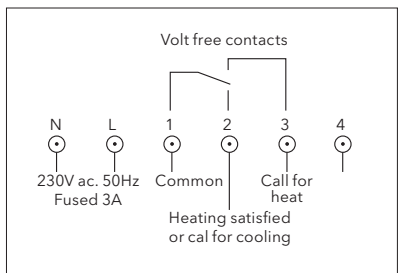
Cylinder Thermostat



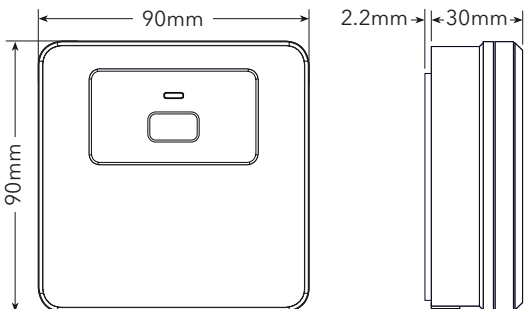
Sensor



Wiring Diagram - Receiver



Receiver



MiStat RF Technical Data

Specification	Programmable Thermostat	Room Thermostat	Cylinder Thermostat
Product Type	MiStat P	MiStat N	Mistat C
Power Supply	2 x AA Size, 1.5V alkaline batteries		
Battery Life	2 Years		
Temperature Range	5°C - 30°C	5°C - 30°C	40°C - 70°C
Temperature Resolution	0.5K		
Timing Resolution	1 minute		
Control Accuracy	<0.6°C at 4° / hour	<0.6°C at 4° / hour	+0 / -8°C
Radio Frequency	868.3 MHz Bi-directional		
Signal Range	30m typically / the range may be affected by the composition / density and number of walls between thermostats & zone controller / receiver		
Control Alorgrithm	TPI, TP, On / Off	TPI, TP, On / Off	On / Off
Ambient Temperature	Operating 0°C to 45°C / Storage -20°C to 55°C	Operating 0°C to 45°C / Storage -20°C to 55°C	Operating 0°C to 50°C Storage -20°C to 55°C
Mounting	Suitable for surface or outlet box mounting	Suitable for surface or outlet box mounting	Transmitter suitable for surface mounting. Sensor direct mounting onto cylinder.

Wiring

No wiring required No wiring required Wiring Ø 0.5mm² 2 core cable between Sensor and Sensor and MiStat RF Transmitter

Relevant EC Directives	2006 / 95 / EC Low Voltage Directive; 2004 / 108 / EC Electromagnetic Compatibility Directive; 1999 / 5 / EC R&TTE Directive; 2006 / 66 / EC Battery Directive. 2011 / 65 / EU RoHS Directive.
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Applied Standards

EN60730-1; EN60730-2-7 (for Prog-stat); EN60730-2-9; EN15500; ETSI EN300 220-3; ETSI EN 301 489-3

Receiver	
Power Supply	230V a.c. 50Hz
Switch Type & Rating	SPDT (voltage free) 2(1) A 230V a.c.
Wiring	Designed for fixed wiring only, to comply with current IEE regulations
Ball Pressure Test	75°C
Pollution Situation	Degree 2
Protection class of housing	IP30
Radio Frequency	868.3 MHz Bi-directional
Relevant EC Directives	2006 / 95 / EC Low Voltage Directive; 2004 / 108 / EC Electromagnetic Compatibility Directive; 1999 / 5 / EC R&TTE Directive; 2006 / 66 / EC Battery Directive. 2011 / 65 / EU RoHS Directive.
Applied Standards	EN60730-1; EN60730-2-7 (for Prog-stat); EN60730-2-9; EN15500; ETSI EN300 220-3; ETSI EN 301 489-3

Drayton

Mi Series™



Also available

MiTime RF Packs

MiStat Room Thermostat and MiStat Cylinder Thermostat are also available as part of our MiTime RF Packs.

For full details of our wireless packs please see our MiTime RF Pack brochure.

Featuring new
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On screen step-by-step guide

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